

Converting Colors

Hex(83D0E7)

Have a look what the booklet for
Hex(83D0E7) contains.

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Color

Hex(83D0E7)

Conversions

Conversions Part 1

Format	Color
Hex	83D0E7
RGB	131, 208, 231
RGB Percent	51%, 82%, 91%
CMY	0.4863, 0.1843, 0.0941
CMYK	0.43, 0.10, 0.00, 0.09
HSL	194°, 68%, 71%
HSV	194°, 43%, 91%
XYZ	46.3398, 55.7066, 83.9114
YIQ	187.5990, -53.2750, -9.1710

Conversions

Conversions Part 2

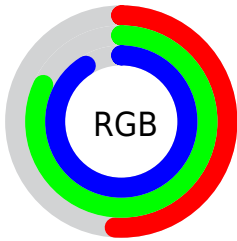
Format	Color
RYB	131, 175, 231
Decimal	8638695
CIELab	79.45, -17.88, -18.80
CIELCh	79, 25.946, 226.440
Yxy	55.7066, 0.2492, 0.2996
Android (android.graphics.Color)	4286828775 (0xFF83D0E7)
YUV	187.5990, 21.3967, -49.6373
Hunter-Lab	74.6368, -19.7892, -14.4117

Details

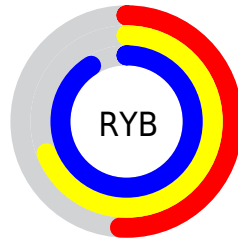
The Hex color **83D0E7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E79A83**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **BCFFFF**, and **4A9AAF** is the 20% darker color. If you saturate the color by 10%, you get **6CCBE7**, and if you desaturate by 10%, it is **9AD5E7**.

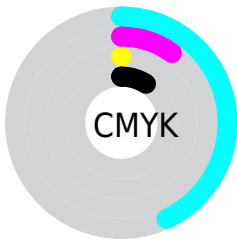
Distribution



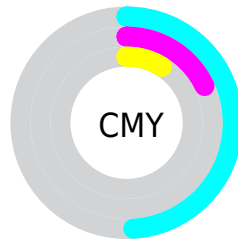
- Red (51%)
- Green (82%)
- Blue (91%)



- Red (51%)
- Yellow (69%)
- Blue (91%)



- Cyan (43%)
- Magenta (10%)
- Yellow (0%)
- Black (9%)



- Cyan (49%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83D0E7 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 83D0E7 by changing the saturation by 10% instead.

 83D0E7

 83D0E7

FFFFFF

 67B4CB

 BCFFFF

 4A9AAF

 D9FFFF

 2A7F95

 F7FFFF

 00667B

 004E62

 00374A

 002233

 00021F

 000001

83D0E7

83D0E7

6CCBE7

9AD5E7

55C5E7

B1DBE7

3EC0E7

C8E0E7

27BBE7

DFE5E7

10B5E7

F7EBE7

00B2E7

FFF0E7

FFF5E7

FFFBE7

FFFFE7

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82D3D2



83D0E7



99CAF3

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83D0E7



EEB5D1



C9C796

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



83D0E7



E79A83

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E1C096



83D0E7



F7B4B8

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83D0E7



D9BAE6



F1B8A3



AECEA3

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83D0E7



AFC5F4



F1B8A3



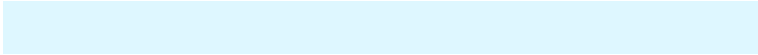
D2C595

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



83D0E7



DEF7FF



83E799



6B7B80



000000



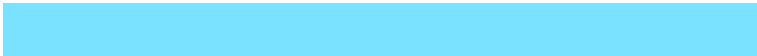
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83D0E7



7AE1FF



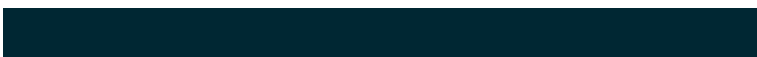
839FE7



677073



0089B3



002733

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E783D0



FF7AE1



E7CB83



736770



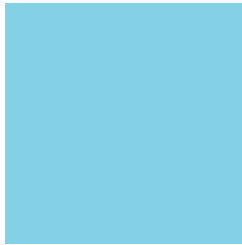
B30089



330027

Previews

White Background



This preview shows how the Hex color 83D0E7 looks on a white background.

Color Contrast Check

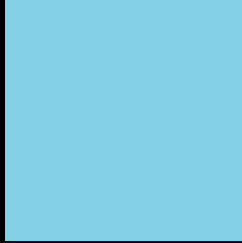
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 83D0E7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 83D0E7 Background



This preview shows how black text looks on a background with the Hex color 83D0E7.

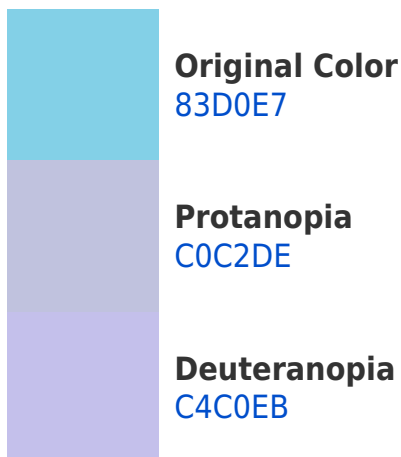


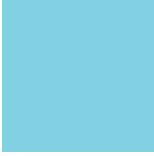
This preview shows how white text looks on a background with the Hex color 83D0E7.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

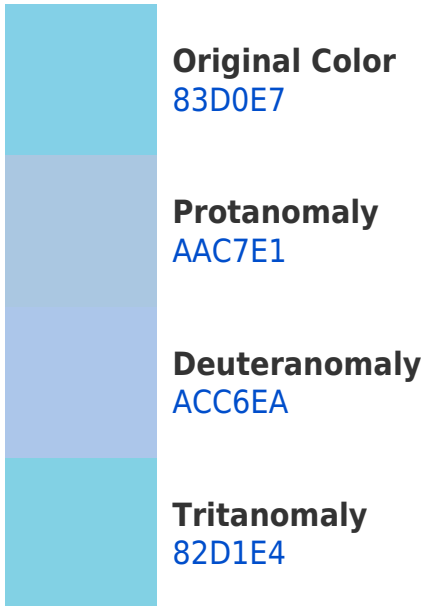
Dichromacy



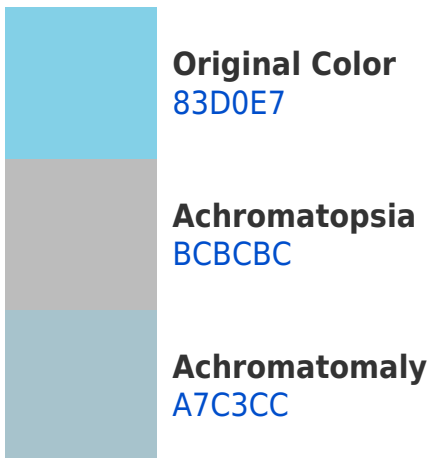


Tritanopia
81D1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83D0E7 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #83D0E7 looks like.

```
.text, #text, p{  
    color:#83D0E7  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #83D0E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83D0E7
}
```

Border

The CSS property to change the border of an element to Hex 83D0E7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83D0E7 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#83D0E7 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #83D0E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83D0E7; -webkit-box-shadow:4px 4px  
4px 4px #83D0E7; box-shadow:4px 4px 4px  
4px #83D0E7 }
```

Background

The CSS property to change the background color of an element to Hex 83D0E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83D0E7 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#83D0E7 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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